Comparison, Speed Controlled

Con-Trex MJ, human kinetics 1.7.5 Filter V 1.7.3

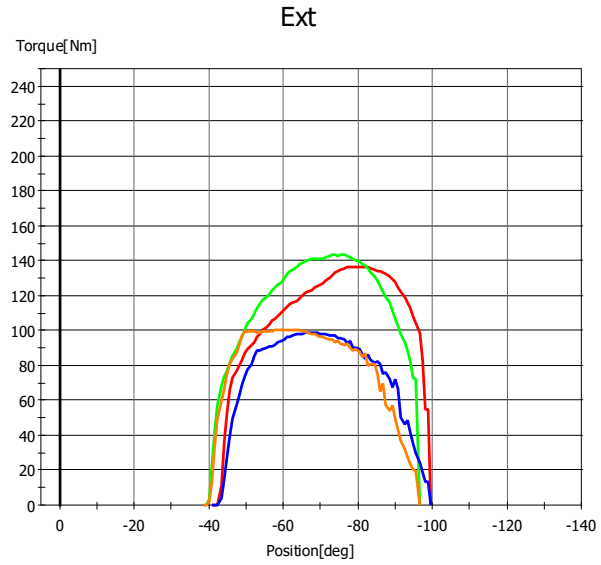
951.69.288.123 Sample Peter

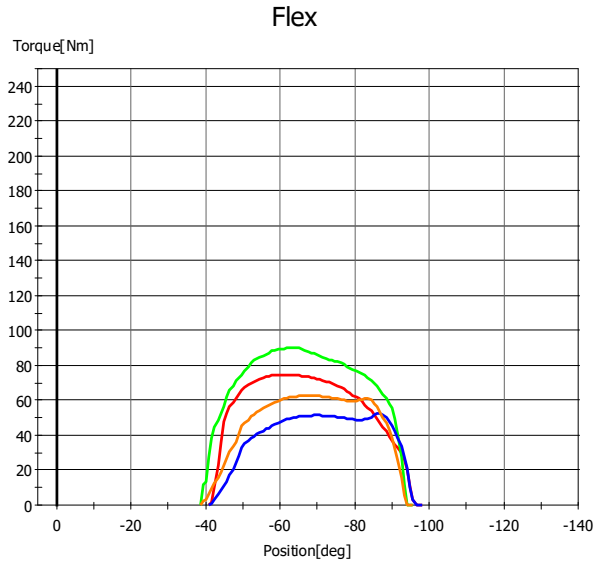
1 31.10.2006 Left Knee Ext/Flex 500 Nm Isokinetic classic Con/Con 60/60
18:45:5(Measurement 5 repet. pause 0s, Gravity Correction, Low pass filter

2 31.10.2006 Right Knee Ext/Flex 500 Nm Isokinetic classic Con/Con 60/60
18:29:1! Measurement 5 repet. pause 0s, Gravity Correction, Low pass filter

3 31.10.2006 Left Knee Ext/Flex 500 Nm Isokinetic classic Con/Con 180/180
18:50:4! Measurement 15 repet. pause 60s, Gravity Correction, Low pass filter

4 31.10.2006 Right Knee Ext/Flex 500 Nm Isokinetic classic Con/Con 180/180
18:33:2! Measurement 15 repet. pause 60s, Gravity Correction, Low pass filter





Description	Unit	1	2	3	4
Number of repetitions Ext	[n]	5	5	15	15
Maximum RoM Ext	[deg]	-42.4	-39.6	-42.4	-39.6
Maximum RoM Flex	[deg]	-96.6	-94.4	-96.6	-94.5
Torque max Ext	[Nm]	136.8	143.5	102.4	102.6
Torque max Flex	[Nm]	-79.6	-90.4	-54.9	-65.6
Torque max aver. Flex/ Ext	[%]	59.0	65.5	54.5	60.6
Torque max aver. Ext/ kg	[Nm/kg]	1.57	1.63	1.18	1.19
Torque max aver. Flex/ kg	[Nm/kg]	-0.93	-1.07	-0.64	-0.72
Peak Torque Var. Coeff. Ext	[%]	7.43	7.76	4.03	5.64
Peak Torque Var. Coeff. Flex	[%]	5.88	4.01	4.12	10.16
Power average Flex/ Ext	[%]	56.2	65.0	54.6	60.0
Peak Power Ext	[W]	143.1	150.5	320.8	320.3
Peak Power Flex	[W]	83.5	95.2	170.9	204.4
Work average Flex/ Ext	[%]	56.0	64.1	54.6	58.6
Work average Ext/ kg	[J/kg]	1.20	1.26	0.86	0.88
Work average Flex/ kg	[J/kg]	0.67	0.81	0.47	0.52
Work fatigue Ext	[J/s]	-1.65	0.15	0.40	-0.57
Work fatigue Flex	[J/s]	0.22	-0.13	0.02	-0.88